AMENDMENTS TO THE CLAIMS

1. (Original) A servo position adjustment method for recording to an information recording medium, in which a plurality of tracks are formed concentrically or spirally, and the recording side of the tracks is irradiated with an optical beam to record user data in marks and the spaces between marks, comprising:

a first servo position adjustment step;

a recording step of recording a predetermined signal after first servo position adjustment; and

a second servo position adjustment step of performing second servo position adjustment by reproducing the track where the predetermined signal was recorded.

2. (Original) The servo position adjustment method according to claim 1, wherein the first servo position adjustment step and the second servo position adjustment step are steps of adjusting a servo position on the basis of different evaluation indices.

3. (Original) The servo position adjustment method according to claim 2, wherein the first servo position adjustment step is a step of adjusting a servo position so as to optimize an evaluation index with respect to tracking error.

4. (Original) The servo position adjustment method according to claim 2, wherein the second servo position adjustment step is a step of adjusting a servo position so as to optimize an evaluation index with respect to a reproduction signal in a predetermined reproduction signal processing method.

5. (Original) The servo position adjustment method according to claim 4, wherein the second servo position adjustment step is a step of adjusting a servo position so as to minimize a PRML error index M.

6. (Currently Amended) The servo position adjustment method according to ~~any of claims~~ claim 1 ~~to 5~~, wherein at least one of adjustments of focal position, lens tilt

position, and spherical aberration position is performed in the first servo position adjustment step or the second servo position adjustment step.

7. (Currently Amended) The servo position adjustment method according to ~~any of claims~~ claim 1 ~~to 6~~, wherein recording conditions in the recording step are determined by test recording.

8. (Original) The servo position adjustment method according to claim 7, wherein the recording conditions include conditions for pulse position and/or laser irradiation power in recording the predetermined signal.

9. (Original) A servo position adjustment device for adjusting a servo position in the course of recording to an information recording medium, in which a plurality of tracks are formed concentrically or spirally, and the recording side of the tracks is irradiated with an optical beam to record user data in marks and the spaces between marks, comprising:

a first servo position adjustment unit;

a recording unit operable to record a predetermined signal after first servo position adjustment; and

a second servo position adjustment unit operable to perform second servo position adjustment by reproducing the track where the predetermined signal was recorded.